

09/769193

NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 1/25/01 are:

- A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:

- Black ink. Color.
 Color drawings are not acceptable until petition is granted.
 Fig(s) _____

 Pencil and non black ink not permitted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b):

- 1 full-tone set is required. Fig(s) _____
 Photographs may not be mounted. 37 CFR 1.84(c)
 Poor quality (half-tone). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(e):

- Paper not flexible, strong, white, and durable.
 Fig(s) _____
 Frayed, alterations, overwritings, interlineations,
 fold, copy machine marks not accepted. Fig(s) _____
 Mylar, velum paper is not acceptable (too thin).
 Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:

 21.6 cm by 29.7 cm (A1N size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size Sheet(s) _____ Drawing sheet not an acceptable size. Fig(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

SIZE: A4 Size

 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

SIZE: 8 1/2 x 11

 Margins not acceptable. Fig(s) _____1A, 2, 3A - 4A, 6-8 Top (T) _____ Left (L) _____ Right (R) _____ Bottom (B) _____

6. VIEWS. 37 CFR 1.84(h):

 REMINDER: Specification may require revision to correspond to drawing changes. Partial view(s). 37 CFR 1.84(h)(2)

- Brackets needed to show figure as one entity.
 Fig(s) _____
 View(s) not labeled separately or properly.
 Fig(s) _____

- Enlarged view(s) not labeled separately or properly.
 Fig(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3):

 Hatching not in keeping for sectional portions of an object. Fig(s) _____

- Sectional designation should be noted with Arabic or Roman number(s). Fig(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i):

- Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____

9. SCALE. 37 CFR 1.84(k):

- Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.
 Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l):

- Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality).
 Fig(s) 1b-4A, e, f, g

11. SHADING. 37 CFR 1.84(m):

- Solid black areas pale. Fig(s) _____
 Solid black shading not permitted. Fig(s) 2-3b, 5
 Shaded lines, pale, rough and blurred. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p):

- Numbers and reference characters not plain and legible.
 Fig(s) 1A-9
 Figure legends are poor. Fig(s) 1A-8

- Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)
 Fig(s) _____

- English alphabet not used. 37 CFR 1.84(p)(2)
 Fig(s) _____

- Numbers, letters and reference characters must be at least 32 cm (1 1/8 inch) in height. 37 CFR 1.84(p)(3)
 Fig(s) _____

13. LEAD LINES. 37 CFR 1.84(q):

- Lead lines cross each other. Fig(s) _____
 Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(r):

- Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u):

- Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____

16. CORRECTIONS. 37 CFR 1.84(w):

- Corrections not made from prior PTO 948 dated _____

17. DESIGN DRAWINGS. 37 CFR 1.152:

- Surface shading shown not appropriate. Fig(s) _____
 Solid black shading not used for color contrast.
 Fig(s) _____

COMMENTS

REVIEWER _____

DATE 4/5/02TELEPHONE NO. 308 001ATTACHMENT TO PAPER NO. 4

REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. 1 is changed to Fig 1A, Fig. 1B, Fig.1C, etc., the specification, at the Brief Description of the Drawing, must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting drawings.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Drawings - 37 CFR 1.85

File new drawings with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Review Branch.

2. Timing for Corrections

Applicant is required to submit **acceptable** corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37).

Failure to take corrective action within set period will result in **ABANDONMENT** of the Application.

3. Corrections other than Defects Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than defects noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted other than correction of defects, unless the examiner has approved the proposed changes.